

Docket No.: 02157/0202679-US0
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Letters Patent of:
Mamoru Usami et al.

Patent No.: 7,193,956

Issued: March 20, 2007

For: ELECTRON BEAM IRRADIATION
APPARATUS, ELECTRON BEAM
IRRADIATION METHOD, AND APPARATUS
FOR AND METHOD OF MANUFACTURING
DISC-SHAPED OBJECT

**REQUEST FOR CERTIFICATE OF CORRECTION
PURSUANT TO 37 CFR 1.323**

Attention: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This Request for Certification of Correction is submitted in response to an office communication dated February 22, 2007, issued in connection with the above-identified patent. Applicants respectfully request that the amendments to the Claims, originally made in the Application's December 18, 2006 Amendment but not entered by the Office, be made via Certificate of Correction. Applicants assure the Examiner that no new matter has been added as a result of this amendment.

As reported in a Response to Rule 312 Communication mailed February 22, 2007, the Examiner indicated that the Amendment would not be entered because dependent claim 71 (claim 39 as proposed in this Certificate of Correction) was an apparatus claim that improperly referred to issued method claim 13. Applicants correct claim 39 to properly refer to issued apparatus claim 18.

As explained in the Amendment of December 18, 2006, new claims 69 - 74 (proposed claims 37 - 42 in the Certificate of Correction) correspond to initially introduced claims 42, 43 and 57 - 60, which were mistakenly identified as a separate invention and cancelled. Proposed claims 37 - 42 each depend from a currently issued claim (11, 18 or 27).

Transmitted herewith is a proposed Certificate of Correction effecting such amendments. Patentee respectfully solicits the granting of the requested Certificate of Correction.

Please charge our Credit Card in the amount of \$100.00 covering the fee set forth in 37 CFR 1.20(a). The Commissioner is authorized to charge any deficiency of up to \$300.00 or credit any excess in this fee to Deposit Account No. 04-0100.

Dated: July 27, 2007

Respectfully submitted,

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**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

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PATENT NO. : 7,193,956
APPLICATION NO. : 10/528,518
ISSUE DATE : March 20, 2007
INVENTOR(S) : Mamoru Usami et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE CLAIMS:

Please add the following new claims:

Claim 37: An apparatus for manufacturing a disc-shaped object, comprising an electron beam irradiation apparatus according to claim 1,
wherein at least one of a resin layer and a surface layer formed on the object serving as a disc-shaped object is cured by the irradiation of the electron beams.

Claim 38: A method of manufacturing a disc-shaped object, involving the use of an electron beam irradiation method according to claim 11 further comprising the steps of:
forming at least one of a resin layer and a surface layer on the object serving as a disc-shaped object; and
curing the layer by the irradiation of the electron beams.

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Claim 39: An electron beam irradiation method according to claim 11, wherein
an aperture is formed extending in the radial direction, and

Wherein the switchover to the irradiation and the non-irradiation of the electron beams
is performed by opening and closing said aperture through a movement of said shutter member.

Claim 40: An electron beam irradiation apparatus according to claim 18, wherein
an aperture is formed extending in the radial direction, and

the switchover to the irradiation and the non-irradiation of the electron beams is performed
by opening and closing said aperture through a movement of said shutter member.

Claim 41: An apparatus for manufacturing a disc-shaped object, comprising
an electron beam irradiation apparatus according to claim 18,

wherein at least one of a resin layer and a surface layer formed on the object serving as a
disc-shaped object is cured by the irradiation of the electron beams.

Claim 42: A method of manufacturing a disc-shaped object, involving the use an electron
beam irradiation method according to claim 27, further comprising the steps of:

forming at least one of a resin layer and a surface layer on the object serving as a
disc-shaped object; and

curing by the irradiation of the electron beams.

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